



0000151406

BEFORE THE ARIZONA CORPORATION COMMISSION RECEIVED

COMMISSIONERS

BOB STUMP, CHAIRMAN
GARY PIERCE
BRENDA BURNS
BOB BURNS
SUSAN BITTER SMITH

ORIGINAL

2014 FEB 26 P 1:28

AZ CORP COMMISSION
DOCKET CONTROL

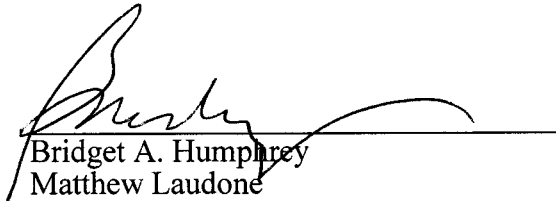
IN THE MATTER OF THE APPLICATION OF
CHAPARRAL CITY WATER COMPANY FOR A
DETERMINATION OF THE CURRENT FAIR
VALUE OF ITS UTILITY PLANT AND
PROPERTY AND FOR INCREASE IN ITS RATES
AND CHARGES BASED THEREON.

DOCKET NO. W-02113A-13-0118

STAFF AMENDED TESTIMONY

The Utilities Division ("Staff ") of the Arizona Corporation Commission ("Commission") hereby files the amended Surrebuttal Testimony of Staff witness Gerald W. Becker in the above-captioned matter. Due to time constraints, Rate Design Schedules will be filed at a later time.

RESPECTFULLY SUBMITTED this 26th day of February, 2014.


Bridget A. Humphrey
Matthew Laudone
Attorneys, Legal Division
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007
(602) 542-3402

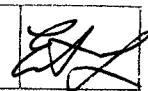
Arizona Corporation Commission

DOCKETED

FEB 26 2014

Original and thirteen (13) copies of
the foregoing filed this 26th day of
February, 2014, with:

DOCKETED BY



Docket Control
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

1 Copy of the foregoing emailed and/or mailed
2 this 26th day of February, 2014, to:

3 Thomas H. Campbell
4 Michael. T. Hallam
5 LEWIS & ROCA, LLP
6 40 North Central Avenue
7 Phoenix, Arizona 85004
8 Attorneys for Chaparral City Water Company

9 Daniel W. Pozefsky, Chief Counsel
10 RUCO
11 1110 West Washington, Suite 220
12 Phoenix, Arizona 85007

13 Andrew J. McGuire
14 David A. Pennartz
15 Landon W. Loveland
16 GUST ROSENFELD, PLC
17 One East Washington Street, Suite 1600
18 Phoenix, Arizona 85004
19 Attorneys for the Town of Fountain Hills

20 Sheryl Hubbard
21 EPCOR
22 2355 W. Pinnacle Peak Road, Suite 300
23 Phoenix, AZ 85027

24 Lina Bellenir
25 16301 East Jacklin Drive
26 Fountain Hills, AZ 85268

27 Gale Evans
28 Patricia Huffman
16218 E. Palisades Blvd.
Fountain Hills, AZ 85268

Leigh M. Oberfeld-Berger
16623 E. Ashbrook Drive, Unit #2
Fountain Hills, AZ 85268

Tracey Holland
16224 E. Palisades Blvd.
Fountain Hills, AZ 85268

Leonora M. Hebenstreit
16632 E. Ashbrook Drive, Unit A
Fountain Hills, AZ 85268

26 
27
28

BEFORE THE ARIZONA CORPORATION COMMISSION

BOB STUMP
Chairman
GARY PIERCE
Commissioner
BRENDA BURNS
Commissioner
BOB BURNS
Commissioner
SUSAN BITTER SMITH
Commissioner

| | | |
|-----------------------------------|---|-----------------------------|
| IN THE MATTER OF THE APPLICATION |) | DOCKET NO. W-02113A-13-0118 |
| OF CHAPARRAL CITY WATER COMPANY |) | |
| FOR A DETERMINATION OF THE |) | |
| CURRENT FAIR VALUE OF ITS UTILITY |) | |
| PLANT AND PROPERTY AND FOR |) | |
| INCREASE IN ITS RATES AND CHARGES |) | |
| BASED THEREON |) | |
| <hr/> | | |

AMENDED SURREBUTTAL

TESTIMONY

OF

GERALD BECKER

EXECUTIVE CONSULTANT

UTILITIES DIVISION

ARIZONA CORPORATION COMMISSION

FEBRUARY 26, 2014

TABLE OF CONTENTS

| | <u>Page</u> |
|--|-------------|
| INTRODUCTION | 1 |
| PURPOSE OF AMENDED SURREBUTTAL TESTIMONY | 1 |
| Rate Base | 2 |
| Rate Base Adjustment No. 2 – Post-Test Year Plant (Accumulated Depreciation)..... | 2 |
| Rate Base Adjustment No. 3 – UPIS and Accumulated Depreciation..... | 3 |
| Rate Base Adjustment No. 5 – Working Capital | 3 |
| OPERATING INCOME | 4 |
| Operating Income Adjustment No. 2 – Incentive Compensation and Contributions and Dues..... | 4 |
| DEPRECIATION EXPENSE and METHODOLOGIES | 4 |

SCHEDULES

| | |
|--|--------|
| Revenue Requirement..... | GWB-1 |
| Gross Revenue Conversion Factor..... | GWB-2 |
| Rate Base – Original Cost..... | GWB-3 |
| Summary of Original Cost Rate Base Adjustments..... | GWB-4 |
| Rate Base Adjustment #1 – Reclassification | GWB-5 |
| Rate Base Adjustment #2 – Post-Test Year Plant..... | GWB-6 |
| Rate Base Adjustment #3 – UPIS and Accumulated Depreciation | GWB-7 |
| Rate Base Adjustment #4 – Reversal of AFUDC and Deferred Depreciation | GWB-8 |
| Rate Base Adjustment #5 – Working Capital | GWB-9 |
| Operating Income Statement - Test Year and Staff Recommended | GWB-10 |
| Summary of Operating Income Adjustments - Test Year..... | GWB-11 |
| Operating Income Adjustment #1 – Excess Water Loss | GWB-12 |
| Operating Income Adjustment #2 – Incentive Compensation & Contributions, Dues..... | GWB-13 |
| Operating Income Adjustment #3 – Purchased Water Expense..... | GWB-14 |
| NOT USED..... | GWB-15 |
| Operating Income Adjustment #4 – Depreciation Expense..... | GWB-16 |
| Operating Income Adjustment #5 – Income Tax Expense..... | GWB-17 |
| Operating Income Adjustment #6 – Property Tax & GRCF Component..... | GWB-18 |

ATTACHMENTS

| | |
|---|--------------|
| Staff's roll forward of UPIS and Accumulated Depreciation | Attachment A |
| Excerpt from USOA | Attachment B |

**EXECUTIVE SUMMARY
CHAPARRAL CITY WATER COMPANY
DOCKET NO. W-02113A-13-0118**

Chaparral City Water Company ("CCWC" or "Company") states that it experienced an \$889,596 test year operating income resulting in a 3.26 percent rate of return. CCWC proposes a revenue increase of \$3,142,679 or 34.86 percent over the Company proposed test year revenues of \$9,014,985 to \$12,157,664. The Company's proposed revenue increase would produce an operating income of \$2,784,249 for a 10.21 percent rate of return on an original cost rate base ("OCRB") of \$27,279,072. The Company proposes to use OCRB as its fair value rate base.

Staff is revising its surrebuttal position filed on February 7, 2014. Staff is also providing some additional information regarding the vintage year versus group methods of depreciation. Staff recommends a revenue increase of \$1,354,153 or 15.02 percent over the test year revenues of \$9,014,985 to \$10,369,138. The Staff recommended revenue increase would produce an operating income of \$2,115,266 for a 7.90 percent rate of return on a Staff adjusted OCRB of \$26,775,518.

Staff amends the specific issues listed below that were discussed in previous testimonies.

1. Accumulated Depreciation on Post Test Year Plant – Staff recognized one half year of accumulated depreciation on post-test year plant previously recommend by Staff.
2. Incentive Compensation and Contributions and Dues – Staff updates its previous adjustment to include the full amount of disallowance accepted by the Company in its rebuttal testimony.
3. Working Capital – Staff updates the Company's Working Capital allowance to remove required bank balances required by existing indebtedness that is expected to be refinanced before the conclusion of this proceeding. The proposed replacement debt does not require bank balances.
4. Depreciation and Depreciation Methods – Staff continues to recommend vintage year depreciation but has updated its calculation. Staff also provides some additional information for consideration.

INTRODUCTION

Q. Please state your name, occupation, and business address.

A. My name is Gerald Becker. I am an Executive Consultant III employed by the Arizona Corporation Commission ("Commission") in the Utilities Division ("Staff"). My business address is 1200 West Washington Street, Phoenix, Arizona 85007.

Q. Are you the same Gerald Becker who previously submitted direct and surrebuttal testimony in this case?

A. Yes, I am.

PURPOSE OF AMENDED SURREBUTTAL TESTIMONY

Q. What is the purpose of your surrebuttal testimony in this proceeding?

A. The purpose of my surrebuttal testimony in this proceeding is to reflect accumulated depreciation on post-test year plant, update Staff's recommended disallowance regarding incentive compensation and contributions and dues, and working capital. Staff is also providing some additional information regarding vintage year versus group depreciation methods.

Q. Do you attempt to address every issue discussed in your previous testimonies?

A. No. I limit my discussion to certain issues as outlined below. I rely on my direct and surrebuttal testimonies unless modified by this amended surrebuttal testimony.

SUMMARY OF RECOMMENDED REVENUES

Q. Please summarize Staff's recommended revenue.

A. Staff recommends a revenue increase of \$1,354,153 or 15.02 percent over the test year revenues of \$9,014,985 to \$10,369,138. The Staff recommended revenue increase would

1 produce an operating income of \$2,115,266 for a 7.90 percent rate of return on a Staff
2 adjusted OCRB of \$26,775,518. (In Staff's surrebuttal testimony Staff recommended a
3 revenue increase of \$1,318,719 or 14.63 percent over the test year revenues of \$9,014,985
4 to \$10,333,705 for a 7.90 percent rate of return on a Staff adjusted OCRB of
5 \$27,076,778.)
6

7 **RATE BASE**

8 **Q. Please summarize Staff's new adjustments to Chaparral City Water Company's**
9 **("CCWC" or "Company") rate base shown on Surrebuttal Schedule GWB-3.**

10 A. Staff recommends an increase of \$76,988 to rate base for accumulated depreciation related
11 to post-test year plant, a reduction of \$490,363 to accumulated depreciation to reflect
12 Staff's recalculation of accumulated depreciation for Utility Plant in Service ("UPIS") at
13 December 31, 2012, as shown on Amended Surrebuttal Schedules GWB-4 and GWB-7.
14 Staff also recommends a decrease of \$780,673 to working capital as shown on Amended
15 Surrebuttal Schedule GWB-9.
16

17 *Rate Base Adjustment No. 2 – Post-Test Year Plant (Accumulated Depreciation)*

18 **Q. Please describe the change to accumulated depreciation that Staff is recommending.**

19 A. In Surrebuttal Schedules GWB-4 and GWB-6, Staff recommended post-test year plant in
20 the amount of \$585,474 but did not recognize any associated accumulated depreciation.
21 Staff recommends an increase of \$76,988 to accumulated depreciation to reflect one half
22 year of accumulated depreciation on post-test year plant, as shown on Amended
23 Surrebuttal Schedule GWB-4.
24

1 **Q. What is Staff's recommendation for accumulated depreciation related to post-test**
2 **year plant?**

3 A. Staff recommends an increase of \$76,988 to accumulated depreciation, as shown on
4 Staff's Amended Surrebuttal Schedule GWB-4.

5
6 *Rate Base Adjustment No. 3 – UPIS and Accumulated Depreciation*

7 **Q. Has the Company submitted a revised Schedule E-5?**

8 A. Yes, the Company has submitted a revised Schedule E-5 supporting its UPIS amount with
9 corrected amounts by the National Association of Regulatory Utility Commissioners
10 ("NARUC") account numbers. Staff has incorporated the Company's revised schedule on
11 Amended Surrebuttal Schedule GWB-4, column [A]. The UPIS component of rate base
12 adjustment No. 3 is no longer necessary. Rate base adjustment No. 3 reduces accumulated
13 depreciation by \$490,363 to reflect the accumulated balance per Staff roll forward of
14 UPIS and Accumulated Depreciation since the last rate case. See discussion below and
15 Attachment A.

16
17 The Company's revised E-5 also reflects its storage tanks in account 330.1 and
18 reclassification¹ from capstone account 330 is no longer necessary.

19
20 *Rate Base Adjustment No. 5 – Working Capital*

21 **Q. Please describe the change to working capital that Staff is recommending.**

22 A. At the present time, the Company has indebtedness that requires a bank balance of
23 \$780,763. On March 1, 2013, the Company filed an application to refinance this debt in
24 Docket No. W-02113A-13-0047. On February 5, 2014, Staff filed a report recommending
25 approval of authority to incur debt to re-finance the existing debt, subject to certain

¹ Surrebuttal rate base adjustment no. 1.

1 conditions. In response to a Staff data request, the Company indicates that the
2 replacement debt will not require bank balances.

3
4 Since the replacement debt is expected to be in place by the time rates become effective in
5 this proceeding, Staff recommends the removal of bank balances from the working capital
6 calculation, as shown on Amended Surrebuttal Schedule GWB-4 and GWB-9.

7
8 **OPERATING INCOME**

9 *Operating Income Adjustment No. 2 – Incentive Compensation and Contributions and Dues*

10 **Q. Please describe the change to incentive compensation and contributions and dues**
11 **working capital that Staff is recommending.**

12 A. Staff is updating its recommended disallowance to reflect the \$57,921 agreed to by the
13 Company in its rebuttal testimony, as opposed the \$17,721 that had been disclosed by the
14 Company in its a response to a prior data request. This increases Staff recommended
15 disallowance from \$107,238 per Surrebuttal Schedule GWB-10 and GWB-13 to \$147,438
16 as shown in Amended Surrebuttal Schedule GWB-10 and GWB-13.

17
18 **DEPRECIATION EXPENSE AND METHODOLOGIES**

19 **Q. Does Staff have additional comments regarding the disagreement over the**
20 **appropriate depreciation expense methodology?**

21 A. Yes. In the prior rate proceeding, there was apparently no known disagreement regarding
22 the depreciation methodology. A review of schedules supporting the depreciation expense
23 in the prior proceeding indicates no recognition of fully depreciated plant, and to the
24 extent that no fully depreciated plant existed in the prior case, the Commission effectively
25 authorized rates based on the group methodology and approved rates which would have
26 resulted in higher depreciation expense than the vintage year method. Accordingly, the

1 accumulated depreciation reserve captured method used in the rate base in this proceeding
2 should be calculated using the group method.
3

4 **Q. Please explain the method used to calculate accumulated depreciation.**

5 A. Accumulated depreciation is an amount used to reflect amounts recovered through
6 depreciation, net of any retirements or adjustments, and is based upon depreciation rates
7 and methodologies whether expressed or implied, in prior proceedings and applied to the
8 UPIS approved in the last case adjusted for additions and retirements since the prior
9 proceeding.
10

11 **Q. Does the method used to calculate accumulated depreciation require the continued
12 use of that method to calculate depreciation expense?**

13 A. No. As more fully described above, accumulated depreciation is a "running balance" used
14 as one of the components to calculate rate base in the current proceeding. In contrast,
15 depreciation expense is calculated prospectively by applying depreciation rates to the plant
16 amounts as would be approved in the current proceeding, subject to the methodology that
17 may be specified. Similar to changes in depreciation rates since prior proceedings, the
18 depreciation methodology can also be changed on a prospective basis.
19

20 **Q. Please describe the treatment of changes in depreciation rates and whether changes
21 in depreciation methodology are similar to changes in depreciation rate since the last
22 proceeding?**

23 A. As more fully described above, the rates (and methodologies) approved in a prior
24 proceeding are used to calculate accumulated depreciation in the current case.
25 Depreciation rates may be revised in any current proceeding, used to calculate
26 depreciation expense in that proceeding, and later used to calculate the depreciation rate in

1 a future case. Similar to changes in depreciation rates, a different depreciation
2 methodology may be adopted and used to calculate depreciation expense and accumulated
3 depreciation balances in a future proceeding.

4
5 **Q. Did Staff recalculate accumulated depreciation using the group method as applied**
6 **since the last rate case?**

7 A. Yes. Staff recalculated accumulated depreciation and determined that accumulated
8 depreciation would decrease from \$25,734,123 to \$25,320,748, or by a net of \$413,375,
9 with a corresponding increase to rate base. The accumulated depreciation of \$25,320,748
10 includes \$25,243,760 on plant actually in service at December 31, 2012, plus \$76,988 for
11 one half year of accumulated depreciation on post-test year plant, for a total of
12 \$25,320,748. The accumulated depreciation of \$25,243,760 on plant actually in service at
13 December 31, 2012 is supported by Staff's roll forward of UPIS and Accumulated
14 Depreciation balances as shown on Attachment A.

15
16 **Q. Did the roll forward as shown on Attachment A identify any amounts of fully**
17 **depreciated plant to be considered when calculating Depreciation Expense in this**
18 **proceeding?**

19 A. Yes. Based on its review of the roll forward, Staff is concerned about two accounts,
20 Account 311, Pumping Equipment, and Account 341, Transportation Equipment.

21
22 **Q. Please provide an overview of account 311, Pumping Equipment.**

23 A. As shown on attachment A, the roll forward begins with UPIS balance of \$1,588,246 as of
24 December 31, 2006 and accumulated depreciation of \$881,086 as of December 31, 2006
25 for account 311, Pumping Equipment. As of December 31, 2012, the UPIS balance and
26 accumulated depreciation balances were \$4,150,661 and \$3,502,552, respectively.

1 Subsequent to December 31, 2006, the Company's only retirements to account 311 were
2 \$27,624 and \$20,955, in 2007 and 2008, respectively. Staff assigned these retirements to
3 2006 vintage year plant, and calculated the resulting UPIS balance of 2006 vintage year
4 plant of \$1,539,667 as of December 31, 2012.

5
6 The Company also recorded additions of \$1,211,840, \$804,971, \$468,725, \$37,782, and
7 \$87,676 in 2007, 2008, 2009, 2011, and 2012, respectively. These additions have not
8 been adjusted since being added and reflect the vintage year amount assigned to each year.

9 A vintage year composition of the ending UPIS balance of \$4,150,661 is:

| | | |
|----|-------|------------------|
| 11 | 2006 | \$1,539,667 |
| 12 | 2007 | \$1,211,840 |
| 13 | 2008 | \$ 804,971 |
| 14 | 2009 | \$ 468,725 |
| 15 | 2011 | \$ 37,782 |
| 16 | 2012 | <u>\$ 87,676</u> |
| 17 | Total | \$4,150,661 |

18
19 **Q. Please explain Staff's concern regarding account 311, Pumping Equipment.**

20 A. For this account, Staff's concern is limited to the 2006 vintage year plant only. Staff is not
21 concerned with the 2007 vintage year and later vintage year plant because account 311
22 bears a 12.5 percent depreciation rate which reflects an eight year life. Since there are
23 only six years between the test year in this proceeding and the test year in the prior
24 proceeding, the Company has not had an opportunity to fully recover its 2007 vintage year
25 and later vintage year plant.

1 Regarding its 2006 vintage year plant, the Company has fully recovered this plant. As
2 shown on attachment A, the roll forward begins with UPIS and accumulated depreciation
3 balances at December 31, 2006 for account 311, Pumping Equipment, of \$1,588,246 and
4 \$881,086, respectively, as approved in Decision No. 71308. The accumulated
5 depreciation balance of \$881,086 divided by \$1,588,246 indicates that 55.5 percent of the
6 plant had been recovered, as of the end of the prior test year. Using the 6 year period
7 between test years, the Company records an additional 6 years of depreciation expense at
8 12.5 percent per year, or 75 percent. Adding the 75 percent to the 55.5 percent recovered
9 as of the last proceeding, the Company has had the opportunity to recover 130.5 percent of
10 its investment. For these reasons, Staff recommends that the recording of depreciation
11 cease on the Company's 2006 vintage year plant in account 311, Pumping Equipment.
12

13 **Q. Is there any possible imprecision in the above described calculations?**

14 A. Yes. As discussed above, the Company's only retirements subsequent to December 31,
15 2006 in account 311 were \$27,624 and \$20,955, in 2007 and 2008, respectively, and the
16 resulting UPIS balance of 2006 vintage year plant of \$1,539,667 as of December 31, 2012.
17 While it is conceivable that plant retired in 2007 or 2008 was installed in either 2007 or
18 2008, Staff had not requested the specific installation date of the plant being retired. Staff
19 assigns these retirements to the oldest vintage life plant in 2006, thereby reducing the
20 amount of fully depreciated plant subject to exclusion in its calculation of depreciation
21 expense. Accordingly, this practice does not harm the Company while providing a
22 reasonable amount of plant to be treated as fully depreciated.
23

1 **Q. Please provide an overview of account 341, Transportation Equipment.**

2 A. Account 341, Transportation Equipment – As shown on attachment A, the roll forward
3 begins with UPIS balance of \$535,315 and an accumulated depreciation of \$60,636, both
4 as of December 31, 2006. As of December 31, 2012, the UPIS balance and accumulated
5 depreciation balances were \$417,333 and \$487,368, respectively.

6
7 As shown on Attachment A, the roll forward of the 2006 vintage year plant subsequent to
8 December 31, 2006, indicates retirements of \$55,375, \$45,865, \$20,243, and \$77,328 in
9 2007, 2008, 2009, 2011, and 2012, respectively, for total retirements of \$198,811, offset
10 by adjustments of \$31,522 in 2008 and \$(33,031) in 2010. Staff assigned these
11 retirements to 2006 vintage year plant, and calculated the resulting UPIS balance for 2006
12 vintage year plant of \$334,995 as of December 31, 2012.

13
14 2006 Vintage Balance \$ 535,315
15 Retirements, above \$(198,811) Assigned to 2006 vintage
16 Subtotal \$ 336,504
17 2008 Adjustment \$ 31,522 Assigned to 2006 vintage
18 2010 Adjustment \$(33,031) Assigned to 2006 vintage
19 Balance 2006 Vintage \$ 334,995

20
21 The Company also recorded additions of \$65,258 and \$17,080 2007 and 2008,
22 respectively, for a total UPIS balance of \$417,333, as of December 31, 2012 and
23 excluding post-test year plant of \$9,637. A vintage year composition of the actual ending
24 UPIS balance of \$417,333 is:

| | | | |
|---|-------|-----------------|--|
| 1 | 2006 | \$ 334,995 | |
| 2 | 2007 | \$ 65,258 | |
| 3 | 2008 | \$ 17,080 | |
| 4 | Total | \$ 417,333 | (actually in service at December 31, 2012) |
| 5 | 2013 | <u>\$ 9,637</u> | post-test year plant |
| 6 | Total | \$ 426,970 | (total amount of UPIS for account 341) |

7

8 **Q. Please explain Staff's concern regarding account 341, Transportation Equipment.**

9 A. For this account, Staff's concern is limited to the 2006 and 2007 vintage year plant
10 actually in service at December 31, 2012, or \$400,253. Staff is concerned with the plant
11 of these vintage years because account 341 bears a 20.0 percent depreciation rate, which
12 reflects a five year life. Staff is not recommending exclusion of 2008 vintage year plant,
13 since there are only 5 years between the date the plant was added and the test year in this
14 proceeding, the Company has not had an opportunity to fully recover the costs of its 2008
15 vintage year² and later vintage year plant.

16

17 The cessation of depreciation expense on vintage year 2006 and 2007 plant is also
18 supported by an analysis of the plant and accumulated depreciation roll forward. The roll
19 forward begins with UPIS balance of \$535,315 and an accumulated depreciation of
20 \$60,636, both as of December 31, 2006 for account 341, as approved in Decision No.
21 71308. The accumulated depreciation balance of \$60,636 divided by \$535,315 indicates
22 that approximately 11.3 percent of the plant had been recovered, as of the end of the prior
23 test year. Using the 6 year period between test years, the Company has recorded an
24 additional 6 years of depreciation expense at 20.0 percent per year, or 120 percent.
25 Adding the 120 percent to the 11.3 percent recovered as of the last proceeding, the

² One half year convention used in year added, thus, only 4 ½ years as of December 31, 2012.

1 Company has recorded 131.3 percent of its investment as accumulated depreciation. For
2 these reasons, Staff recommends that the cessation of depreciation cease on the
3 Company's 2006 vintage year plant in account 341, Transportation Equipment.

4
5 Regarding 2007 vintage year plant, the Company has recorded one half year depreciation
6 in 2007 and 5 years of depreciation for the years 2008 through 2012, for a total of 5 and
7 one-half years, or \$71,784 of accumulated depreciation, as shown on Attachment A. For
8 these reasons, Staff also recommends that the depreciation cease on \$65,257 of 2007
9 vintage year plant in account 341, Transportation Equipment, also shown on Attachment
10 A.

11
12 **Q. Is there any possible imprecision in the above described calculations?**

13 A. Yes. As discussed above, the Company has retired plant subsequent to December 31,
14 2006 in account 341. While it is conceivable that plant retired in 2007 through 2012 had
15 been installed after 2006, Staff had not requested the specific installation dates of the plant
16 being retired during 2007 through 2012. Staff assigns these retirements to the oldest
17 vintage life plant (2006), thereby reducing the amount of fully depreciated plant subject to
18 exclusion in its calculation of depreciation expense. Accordingly, this practice does not
19 harm the Company while providing a reasonable amount of plant to be treated as fully
20 depreciated.

21
22 **Q. In Staff's view, has the Company over recovered on certain items of plant?**

23 A. Yes, as indicated on Attachment A, the Company has recovered \$1,998,885 on its 2006
24 vintage year plant of \$1,539,667 in account 311, Pumping Equipment. In account 341,
25 Transportation Equipment, the Company has recovered \$400,212 on \$334,995 of vintage
26 2006 plant, and \$71,784 on \$65,258 of 2007 vintage year plant.

1 **Q. Please describe Staff's recommended Depreciation Expense for account 311,**
2 **Pumping Equipment and account 341, Transportation Equipment.**

3 A. As shown on Amended Surrebuttal Schedule GWB-16, Staff recommends depreciation
4 expense of \$326,374 for account 311, Pumping Equipment and \$5,343 for account 341,
5 Transportation Equipment. Depreciation expense of \$326,374 on account 311, Pumping
6 Equipment, is based the total plant balance of \$4,150,661 shown in Column [A] of
7 Amended Surrebuttal Schedule GWB-16, less \$1,539,667 of 2006 vintage year plant
8 shown as fully depreciated in Column [B] of Amended Surrebuttal Schedule GWB-16, for
9 a net depreciable amount of \$2,610,994 in Column [C] of Amended Surrebuttal Schedule
10 GWB-16. Applying a 12.5 percent depreciation rate to a net depreciable amount of
11 \$2,610,994 results in depreciation expense of \$326,374.

12
13 Similarly, depreciation expense of \$5,343 on account 341, Transportation Equipment, is
14 based on the total plant balance of \$426,970 discussed above and shown in Column [A],
15 less \$400,253 of 2006 and 2007 vintage year plant shown as fully depreciated in Column
16 [B], for a net depreciable amount of \$26,717³ on which a 20.0 percent depreciation rate is
17 applied, for depreciation expense of \$5,343⁴.

18

³ Expressed differently, the depreciable balance of \$26,717 consists of \$17,080 of 2008 vintage year plant, plus \$9,637 of post-test year plant.

⁴ Under the group method proposed by the Company, depreciation expense for account 341 is estimated at \$85,394, based on \$426,970 times 20 percent depreciation rate and based on net UPIS of \$26,717 for account 341.

1 **Q. Setting aside the fact that the accounting and regulatory communities recognize that**
2 **there may be more than one acceptable method for calculating depreciation expense,**
3 **is it reasonable for a regulated utility to be placed in a position where over recovery**
4 **of its plant investments is possible simply because of the method used to calculate**
5 **annual depreciation expense?**

6 A. No that is not reasonable. A regulated utility would not be allowed to employ a cost
7 allocation methodology that would allow the company to over-recover other expenses,
8 such as wages and salaries. It certainly would not be proper for such a regulated utility to
9 over-recover expense just because it might take more administrative time to accurately
10 track wages and salaries so as to not over recover this or any other expense. Depreciation
11 is an expense just as salaries and wages. It does not seem logical for CCWC to argue that
12 when it recovers depreciation expense it is proper to over-recover its actual investment
13 simply because it would be more time consuming or administratively burdensome to
14 undertake the level of accounting necessary to cease booking depreciation once the
15 underlying investment has been fully recovered.

16
17 The reality is that if the actual life of the underlying asset is longer than the estimated asset
18 life used for depreciation then the depreciation should be adjusted accordingly, otherwise
19 these assets are being over-depreciated, to the detriment of ratepayers.

20
21 **Q. Is there evidence of over recovery in this case?**

22 A. Yes. See discussion above and the activity for accounts 311 Pumping Equipment and
23 account 341, Transportation Equipment, as shown on Attachment A.

24

1 **Q. Is Staff recommending that the over recovered amounts be refunded?**

2 A. No. Staff attributes the over recovery to instances of regulatory lag working in favor of
3 the Company. Staff, however, recommends that the over recovery be discontinued with
4 this proceeding.
5

6 **Q. Is Staff aware of any prohibitions to prevent the adoption of vintage year method?**

7 A. No. Staff reviewed the 1996 version of the NARUC Uniform System of Accounts
8 (“USOA”), an excerpt of which is included as Attachment B. This guides states,
9

10 “...Depreciation shall be accrued on a straight-line remaining life basis or
11 straight-line basis, *as required by the Commission...*” [emphasis added]
12

13 Based upon the above, Staff concludes that the Commission may set rates using a vintage
14 year depreciation method.
15

16 **Q. Does this conclude your Amended Surrebuttal Testimony?**

17 A. Yes, it does.

AMENDED SURREBUTTAL TESTIMONY OF GERALD BECKER

TABLE OF CONTENTS TO SCHEDULES :

| <u>SCH #</u> | <u>TITLE</u> |
|--------------|---|
| GWB- 1 | REVENUE REQUIREMENT |
| GWB- 2 | GROSS REVENUE CONVERSION FACTOR |
| GWB- 3 | RATE BASE - ORIGINAL COST |
| GWB- 4 | SUMMARY OF ORIGINAL COST RATE BASE ADJUSTMENTS |
| GWB- 5 | RATE BASE ADJUSTMENT #1 RECLASSIFICATION |
| GWB- 6 | RATE BASE ADJUSTMENT #2 POST TEST YEAR PLANT |
| GWB- 7 | RATE BASE ADJUSTMENT #3 UTILITY PLANT IN SERVICE AND ACCUMULATED DEPRECIATION |
| GWB- 8 | RATE BASE ADJUSTMENT #4 REVERSAL OF AFUDC AND DEFERRED DEPRECIATION DEFERRAL |
| GWB- 9 | RATE BASE ADJUSTMENT #5 CASH WORKING CAPITAL |
| GWB- 10 | OPERATING INCOME STATEMENT - TEST YEAR AND STAFF RECOMMENDED |
| GWB- 11 | SUMMARY OF OPERATING INCOME ADJUSTMENTS - TEST YEAR |
| GWB- 12 | OPERATING INCOME ADJUSTMENT #1 - EXCESS WATER LOSS |
| GWB- 13 | OPERATING INCOME ADJUSTMENT #2 - INCENTIVE COMPENSATION & CONTRIBUTIONS, DUES |
| GWB- 14 | OPERATING INCOME ADJUSTMENT #3 - PURCHASED WATER EXPENSE |
| GWB- 15 | NOT USED |
| GWB- 16 | OPERATING INCOME ADJUSTMENT #4 - DEPRECIATION EXPENSE |
| GWB- 17 | OPERATING INCOME ADJUSTMENT #5 - INCOME TAXES |
| GWB- 18 | OPERATING INCOME ADJUSTMENT #6 - PROPERTY TAX EXPENSE GRCF COMPONENT |

REVENUE REQUIREMENT

| LINE NO. | DESCRIPTION | (A) COMPANY ORIGINAL COST** | (B) COMPANY FAIR VALUE | (C) STAFF ORIGINAL COST | (D) STAFF FAIR VALUE |
|-------------|---------------------------------------|--------------------------------------|---------------------------------|----------------------------------|-------------------------------|
| 1 | Adjusted Rate Base | \$ 27,279,072 | \$ 27,279,072 | \$ 26,775,518 | \$ 26,775,518 |
| 2 | Adjusted Operating Income (Loss) | \$ 889,596 | \$ 889,596 | \$ 1,294,167 | \$ 1,294,167 |
| 3 | Current Rate of Return (L2 / L1) | 3.26% | 3.26% | 4.83% | 4.83% |
| 4 | Required Rate of Return | 10.21% | 10.21% | 7.90% | 7.90% |
| 5 | Required Operating Income (L4 * L1) | \$ 2,784,249 | \$ 2,784,249 | \$ 2,115,266 | \$ 2,115,266 |
| 6 | Operating Income Deficiency (L5 - L2) | \$ 1,894,653 | \$ 1,894,653 | \$ 821,099 | \$ 821,099 |
| 7 | Gross Revenue Conversion Factor | 1.658709 | 1.658709 | 1.649195 | 1.649195 |
| 8 | Required Revenue Increase (L7 * L6) | \$ 3,142,679 | \$ 3,142,679 | \$ 1,354,153 | \$ 1,354,153 |
| 9 | Adjusted Test Year Revenue | \$ 9,014,985 | \$ 9,014,985 | \$ 9,014,985 | \$ 9,014,985 |
| 10 | Proposed Annual Revenue (L8 + L9) | \$ 12,157,664 | \$ 12,157,664 | \$ 10,369,138 | \$ 10,369,138 |
| 11 | Required Increase in Revenue (%) | 34.86% | 34.86% | 15.02% | 15.02% |
| 12 | Rate of Return on Common Equity (%) | 11.05% | 11.05% | 9.60% | 9.60% |

** At Hearing, Co amended its Schedule E-5
causing its rate base to increase by
\$9,751 from \$27,269,321 to \$27,279,072

References:

Column [A]: Company Schedule A-1

Column (B): Company Schedule A-1

Column (C): Staff Schedules GWB-2, GWB-3, and GWB-10

GROSS REVENUE CONVERSION FACTOR

| LINE NO. | DESCRIPTION | (A) | (B) | (C) |
|--|---|--------------|--------------|----------|
| <u>Calculation of Gross Revenue Conversion Factor:</u> | | | | |
| 1 | Revenue | 100.0000% | | |
| 2 | Uncollectible Factor (Line 11) | 0.5492% | | |
| 3 | Revenues (L1 - L2) | 99.4508% | | |
| 4 | Combined Federal and State Income Tax and Property Tax Rate (Line 23) | 38.8152% | | |
| 5 | Subtotal (L3 - L4) | 60.6356% | | |
| 6 | Revenue Conversion Factor (L1 / L5) | 1.649195 | | |
| <u>Calculation of Uncollectible Factor:</u> | | | | |
| 7 | Unity | 100.0000% | | |
| 8 | Combined Federal and State Tax Rate (Line 17) | 38.2900% | | |
| 9 | One Minus Combined Income Tax Rate (L7 - L8) | 61.7100% | | |
| 10 | Uncollectible Rate | 0.8900% | | |
| 11 | Uncollectible Factor (L9 * L10) | | 0.54922% | |
| <u>Calculation of Effective Tax Rate:</u> | | | | |
| 12 | Operating Income Before Taxes (Arizona Taxable Income) | 100.0000% | | |
| 13 | Arizona State Income Tax Rate | 6.5000% | | |
| 14 | Federal Taxable Income (L12 - L13) | 93.5000% | | |
| 15 | Applicable Federal Income Tax Rate (Line 44) | 34.0000% | | |
| 16 | Effective Federal Income Tax Rate (L14 x L15) | 31.7900% | | |
| 17 | Combined Federal and State Income Tax Rate (L13 + L16) | | 38.2900% | |
| <u>Calculation of Effective Property Tax Factor</u> | | | | |
| 18 | Unity | 100.0000% | 6.968% | |
| 19 | Combined Federal and State Income Tax Rate (L17) | 38.2900% | | |
| 20 | One Minus Combined Income Tax Rate (L18-L19) | 61.7100% | | |
| 21 | Property Tax Factor (GWB-18, L25) | 0.8510% | | |
| 22 | Effective Property Tax Factor (L20*L21) | | 0.5252% | |
| 23 | Combined Federal and State Income Tax and Property Tax Rate (L17+L22) | | | 38.8152% |
| 24 | Required Operating Income (Schedule GWB-1, Line 5) | \$ 2,115,266 | | |
| 25 | Adjusted Test Year Operating Income (Loss) (Schedule GWB-10, Line 36) | \$ 1,294,167 | | |
| 26 | Required Increase in Operating Income (L24 - L25) | | \$ 821,099 | |
| 27 | Income Taxes on Recommended Revenue (Col. (C), L48) | \$ 963,598 | | |
| 28 | Income Taxes on Test Year Revenue (Col. (A), L48) | \$ 454,120 | | |
| 29 | Required Increase in Revenue to Provide for Income Taxes (L27 - L28) | | \$ 509,478 | |
| 30 | Required Revenue Increase (Schedule GWB-1, Line 8) | \$ 1,354,153 | | |
| 31 | Uncollectible Rate (Line 10) | 0.8900% | | |
| 32 | Uncollectible Expense on Recommended Revenue (L30 * L31) | \$ 12,052 | | |
| 33 | Adjusted Test Year Uncollectible Expense - N/A | \$ - | | |
| 34 | Required Increase in Revenue to Provide for Uncollectible Exp. | | \$ 12,052 | |
| 35 | Property Tax with Recommended Revenue (GWB-18, Line 21) | \$ 243,735 | | |
| 36 | Property Tax on Test Year Revenue (GWB-18, Col A, L19) | \$ 232,211 | | |
| 37 | Increase in Property Tax Due to Increase in Revenue (L35-L36) | | \$ 11,524 | |
| 38 | Total Required Increase in Revenue (L26 + L29 + L34+ L37) | | \$ 1,354,153 | |

| | (A) Test Year | (B) | (C) Staff Recommended |
|-----------------------------------|--|--------------|--------------------------|
| <u>Calculation of Income Tax:</u> | | | |
| 39 | Revenue (Sch GWB-10, Col.(C) L4, GWB-1, Col. (D), L10) | \$ 9,014,985 | \$ 10,369,138 |
| 40 | Operating Expenses Excluding Income Taxes | \$ 7,266,699 | \$ 7,290,275 |
| 41 | Synchronized Interest (L53) | \$ 562,286 | \$ 562,286 |
| 42 | Arizona Taxable Income (L39 - L40 - L41) | \$ 1,186,000 | \$ 2,516,578 |
| 43 | Arizona State Income Tax Rate | 6.5000% | 6.5000% |
| 44 | Arizona Income Tax (L42 x L43) | \$ 77,090 | \$ 163,578 |
| 45 | Federal Taxable Income (L42 - L44) | \$ 1,108,910 | \$ 2,353,000 |
| 46 | Federal Tax | \$ 377,030 | \$ 800,020 |
| 47 | Total Federal Income Tax | \$ 377,030 | \$ 800,020 |
| 48 | Combined Federal and State Income Tax (L43 + L47) | \$ 454,120 | \$ 963,598 |

| | | | |
|---|---|--|---------------|
| 50 | <u>Effective Tax Rate</u> | | |
| <u>Calculation of Interest Synchronization:</u> | | | |
| 51 | Rate Base (Schedule GWB-3, Col. (C), Line 18) | | N/A |
| 52 | Weighted Average Cost of Debt | | \$ 26,775,518 |
| 53 | Synchronized Interest (L50 X L51) | | 2.1000% |
| | | | \$ 562,286 |

RATE BASE - ORIGINAL COST

| LINE NO. | (A) COMPANY AS FILED | (B) STAFF ADJUSTMENTS | (C) STAFF AS ADJUSTED |
|--------------|---|-----------------------------|--------------------------------|
| 1 | Plant in Service | \$ 69,511,815 | \$ 70,097,289 |
| 2 | Less: Accumulated Depreciation | 25,734,123 | 25,320,748 |
| 3 | Net Plant in Service | \$ 43,777,692 | \$ 44,776,541 |
| <u>LESS:</u> | | | |
| 4 | Contributions in Aid of Construction (CIAC) | \$ 14,991,871 | \$ 14,991,871 |
| 5 | Less: Accumulated Amortization | 2,529,950 | 2,529,950 |
| 6 | Net CIAC | 12,461,921 | 12,461,921 |
| 7 | Advances in Aid of Construction (AIAC) | 4,008,916 | 4,008,916 |
| 8 | Customer Meter Deposits | 1,950 | 1,950 |
| 9 | Deferred Income Taxes | 1,271,696 | 1,271,696 |
| 10 | FHSD Settlement | 449,580 | 449,580 |
| <u>ADD:</u> | | | |
| 11 | Working Capital Allowance | 1,009,341 | 114,836 |
| 12 | Deferred Debits | 686,104 | 78,206 |
| | | - | |
| 13 | Original Cost Rate Base | <u>\$ 27,279,072</u> | <u>\$ 26,775,518</u> |

References:

Column (A), Company Schedule B-2
Column (B): Schedule GWB-4
Column (C): Column (A) + Column (B)

SUMMARY OF ORIGINAL COST RATE BASE ADJUSTMENTS

| LINE NO. | ACCT. NO. | DESCRIPTION | [A] COMPANY AS AMENDED | [B] Reclassification ADJ #1 GWB-5 | [C] Post Test Year Plant ADJ #2 GWB-6 | [E] UPIS & ACC. DEPREC. ADJ #3 GWB-7 | [F] ADFUC Deferral ADJ #4 GWB-8 | [G] Working Capital ADJ #5 GWB-9 | [I] STAFF ADJUSTED |
|--------------------------|---|--|------------------------------|--|---|--|---|--|--------------------------|
| <u>PLANT IN SERVICE:</u> | | | | | | | | | |
| 1 | 303 | Other Intangible Plant | 0 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 2 | 303 | Land and Land Rights | 1,554,591 | | | | | | 1,554,591 |
| 3 | 304 | Structures and Improvements - Pumping | | | | | | | - |
| 4 | 304 | Structures and Improvements - Treatment | | | | | | | - |
| 5 | 304 | Structures and Improvements - T & D | | | | | | | - |
| 6 | 304 | Structures & Improvements - General | 1,795,309 | | 168,610 | - | | | 1,963,919 |
| 7 | 305 | Collecting and Impounding Reservoirs | 6,970 | | | - | | | 6,970 |
| 8 | 307 | Wells | 953,001 | | (793,374) | | | | 159,627 |
| 9 | 309 | Supply Mains | 0 | | | | | | - |
| 10 | 311 | Pumping Equipment & Other Pumping Plant | 4,280,661 | | (130,000) | - | | | 4,150,661 |
| 11 | 320.1 | Water Treatment Equipment | 6,950,895 | | 741,809 | - | | | 7,692,704 |
| 12 | 330 | Reservoirs and Tanks | | - | | | | | - |
| 13 | 330.1 | Storage Tanks | 9,445,000 | | (575,439) | - | | | 8,869,561 |
| 14 | 331 | Transmission and Distribution Mains | 24,727,626 | | 838,725 | - | | | 25,566,351 |
| 15 | 333 | Services | 11,329,034 | | 150,079 | - | | | 11,479,113 |
| 16 | 334 | Meters | 3,219,624 | | (181,450) | - | | | 3,038,174 |
| 17 | 335 | Hydrants | 2,050,005 | | 45,030 | - | | | 2,095,035 |
| 18 | 339 | Other Transmission & Distribution Plant | 2,142,685 | | (22,842) | - | | | 2,119,843 |
| 19 | 339 | Other Transmission & Distribution Plant | | | | | | | - |
| 20 | 340 | Office Furniture and Equipment, Computers, | 305,068 | | | | | | 305,068 |
| 21 | 341 | Transportation Equipment | 426,581 | | 389 | - | | | 426,970 |
| 22 | 343 | Power Operated Equipment & Tool, Shop an | 222,438 | | 189,169 | | | | 411,607 |
| 23 | 345 | Power Operated Equipment | 0 | | | | | | - |
| 24 | 346 | Communication Equipment | 102,327 | | 154,768 | | | | 257,095 |
| 25 | 347 | Other General Plant | | | | - | | | - |
| 26 | | Misc Adj/ Reconciling Item | | | | | | | - |
| 27 | Total Plant in Service | | 69,511,815 | - | 585,474 | - | | | 70,097,289 |
| 28 | | | | | | | | | |
| 29 | Accumulated Depreciation | | 25,734,123 | | 76,988 | (490,363) | | | 25,320,748 |
| 30 | Net Plant in Service | | \$ 43,777,692 | \$ - | \$ 508,486 | \$ 490,363 | \$ - | \$ - | \$ 44,776,541 |
| 31 | | | | | | | | | |
| 32 | <u>LESS:</u> | | | | | | | | |
| 33 | Contributions in Aid of Construction (CIAC) | | \$ 14,991,871 | | | | | | \$ 14,991,871 |
| 34 | Less: Accumulated Amortization | | 2,529,950 | | | | | | 2,529,950 |
| 35 | Net CIAC (L63 - L64) | | 12,461,921 | | | | | | 12,461,921 |
| 36 | Advances in Aid of Construction (AIAC) | | 4,008,916 | | | | | | 4,008,916 |
| 37 | Customer Meter Deposits | | 1,950 | | | | | | 1,950 |
| 38 | Deferred Income Taxes | | 1,271,696 | | | | | | 1,271,696 |
| 39 | FHSD Settlement | | 449,580 | | | | | | 449,580 |
| 40 | <u>ADD:</u> | | | | | | | | - |
| 41 | Working Capital Allowance | | 1,009,341 | | | | | (894,505) | 114,836 |
| 42 | Deferred Debits | | 686,104 | - | - | | (607,898) | | 78,206 |
| 43 | Original Cost Rate Base | | \$ 27,279,072 | \$ - | \$ 508,486 | \$ 490,363 | \$ (607,898) | \$ (894,505) | \$ 26,775,518 |

Chaparral City Water Company
Docket No. W-02113A-13-0118
Test Year Ended December 31, 2012

Schedule GWB-5
AMENDED SURREBUTTAL

RATE BASE ADJUSTMENT #1 RECLASSIFICATION (THIS ADJUSTMENT NO LONGER NECESSARY)

| LINE NO. | ACCT NO. | Description | [A] COMPANY AS FILED | [B] STAFF ADJUSTMENTS | [C] STAFF AS ADJUSTED |
|-------------|--------------|---------------------------------------|-------------------------------|-----------------------------|--------------------------------|
| 1 | 330 330.1 | Reservoirs and Tanks Storage Tanks | | | |

References:

Column [A] : Amount reflected in Acct. 330, Reservoirs and Tanks

Column [B] , Col [C] less Col [A]

Column [C] , Per testimony GWB

RATE BASE ADJUSTMENT #2 POST TEST YEAR PLANT

| LINE NO. | ACCT NO. & DESCRIPTION OF PROJECT | [A] ORIGINAL PROJECT ESTIMATES | [B] STAFF AS ADJUSTED | [C] STAFF ADJUSTMENT |
|----------|--|-----------------------------------|--------------------------|-------------------------|
| 1 | 304500 Office & Ops Center | - | 168,610 | 168,610 |
| 2 | 311000 Electrical Annual Program | 130,000 | - | (130,000) |
| 3 | 307000 Well #10 Arsenic Treatment | 793,374 | | (793,374) |
| 4 | 320.1 Well #10 Arsenic Treatment | - | 1,077,467 | 1,077,467 |
| 5 | Subtotal (Net Inc.) to Acct. 320.1 | - | 1,077,467 | 1,077,467 |
| 5 | 320000 Shea WTP Filter Media | 59,369 | 73,035 | 13,666 |
| 6 | 320000 Shea WTP Improvements | 350,000 | 678 | (349,324) |
| 7 | Total Adj to Acct 320.1 | 409,369 | 1,151,178 | 741,809 |
| 8 | 330000 Reservoir #2 Rehabilitation | 595,860 | 670,421 | 74,561 |
| 9 | 330000 Lotus Reservoir 3 | - | - | - |
| 10 | 330000 Crestview Reservoir 7 | - | - | - |
| 11 | 330000 2013 Recurring Projects - Facilities | 650,000 | - | (650,000) |
| 12 | Total Adj to 330.1 | 1,245,860 | 670,421 | (575,439) |
| 13 | 331001 Distribution System | 53,577 | 66,964 | 13,387 |
| 14 | 331001 Distribution Improvements | 300,000 | 1,125,338 | 825,338 |
| 15 | 331001 Misc system improvements | - | - | - |
| 16 | 331001 Main breaks | - | - | - |
| 17 | 331001 Manholes replaced | - | - | - |
| 18 | 331001 Valves new | - | - | - |
| 19 | 331001 Valves replaced | - | - | - |
| 20 | 331001 Mains scheduled | - | - | - |
| 21 | Total Adj to Acct 331.1 | 353,577 | 1,192,302 | 838,725 |
| 22 | 333000 Services Replaced | 410,000 | 560,079 | 150,079 |
| 23 | 334100 Meters Replaced | 300,000 | 118,550 | (181,450) |
| 24 | 335000 Hydrants Replaced | 10,000 | 55,030 | 45,030 |
| 25 | 339600 Comprehensive Planning Study (Chloramination) | 132,558 | 109,716 | (22,842) |
| 26 | 341100 Vehicles | 9,248 | 9,637 | 389 |
| 27 | 343000 Tools & Equipment | 31,777 | 220,946 | 189,169 |
| 28 | 343000 Tools & Equipment | - | - | - |
| 29 | Total Adj to Acct. 343 | 31,777 | 220,946 | 189,169 |
| 30 | 346000 ESRI Project (GIS) | - | - | - |
| 31 | 346200 IPT Deployment | 59,000 | 213,768 | 154,768 |
| 32 | 346200 Scada & Firewall | - | - | - |
| | Total Adj to Acct. 346 | 59,000 | 213,768 | 154,768 |
| 33 | 347000 Security | - | - | - |
| 34 | Comprehensive Planning Study (Well 11 Restoration) | - | - | - |
| 35 | Comprehensive Planning Study | - | - | - |
| 36 | Reservoir #2 Rehabilitation | - | - | - |
| 37 | Reservoir #2 Rehabilitation | - | - | - |
| 38 | Developer Funded | - | - | - |
| 39 | Totals | 3,884,763 | 4,470,237 | 585,474 |

References:

Column [A] : Amount per Company application and response to Staff DR

Column [B] , Col [C] less Col [A]

Column [C] : Amount per Company response to Staff DR and Testimony GWB

RATE BASE ADJUSTMENT #3 UTILITY PLANT IN SERVICE AND ACCUMULATED DEPRECIATION

| Line No. | Sub. Acct. | Description Company Application | [A] | [B] | [C] | [D] | [E] | [F] |
|----------|------------|---|---|---------------------|---------------|------------|--|----------------------|
| | | | Company Application E-5 Plant Balance 12/31/2012 | Company Subtotal | Staff | Adjustment | Staff Calculated Accum Depreciations | Fully Depreciated |
| 1 | 303100 | Other Intangible Plant | - | - | - | - | - | - |
| 2 | 303600 | Land and Land Rights | 1,554,591 | 1,554,591 | 1,554,591 | - | - | - |
| 3 | 304200 | Structures and Improvements - Pumping | | | | | | |
| 4 | 304300 | Structures and Improvements - Treatment | | | | | | |
| 5 | 304400 | Structures and Improvements - T & D | | | | | | |
| 6 | 304500 | Structures & Improvements - General | 1,795,309 | 1,795,309 | 1,795,309 | - | 694,767 | |
| 7 | 305000 | Collecting and Impounding Reservoirs | 6,970 | 6,970 | 6,970 | - | 660 | |
| 8 | 307000 | Wells | 159,627 | 159,627 | 159,627 | - | 108,329 | |
| 9 | 309000 | Supply Mains | | | | | | |
| 10 | 311000 | Pumping Equipment & Other Pumping Plant | 4,150,661 | 4,150,661 | 4,150,661 | - | 3,502,552 | 1,539,667 |
| 11 | 320100 | Water Treatment Equipment | 6,541,526 | 6,541,526 | 6,541,526 | - | 1,509,048 | |
| 12 | 330000 | Reservoirs and Tanks | 8,199,140 | 8,199,140 | 8,199,140 | - | 3,046,816 | |
| 13 | 331001 | Transmission and Distribution Mains | 24,374,049 | 24,374,049 | 24,374,049 | - | 9,606,641 | |
| 14 | 333000 | Services | 10,919,034 | 10,919,034 | 10,919,034 | - | 2,320,901 | |
| 15 | 334100 | Meters | 2,919,624 | 2,919,624 | 2,919,624 | - | 2,374,387 | |
| 16 | 335000 | Hydrants | 2,040,005 | 2,040,005 | 2,040,005 | - | 389,993 | |
| 18 | 339100 | Other Transmission & Distribution Plant | 2,010,127 | 2,010,127 | 2,010,127 | - | 946,814 | |
| 19 | 340100 | Office Furniture and Equipment, Computers | 305,068 | 305,068 | 305,067 | (1) | 152,715 | |
| 20 | 341100 | Transportation Equipment | 417,333 | 417,333 | 417,333 | - | 487,368 | 417,333 |
| 21 | 343000 | Power Operated Equipment & Tool, Shop ar | 190,661 | 190,661 | 190,662 | 1 | 76,075 | |
| 22 | 345000 | Power Operated Equipment | - | - | - | - | 25 | |
| 23 | 346200 | Communication Equipment | 43,327 | 43,327 | 43,327 | - | 26,668 | |
| 24 | 347000 | Other General Plant | | | | | | |
| 26 | Total | | \$ 65,627,052 | \$ 65,627,052 | \$ 65,627,052 | \$ - | \$ 25,243,759 | \$ 1,957,000 |
| | | | | | | | Attach. A | |
| | | | | | | | Diff. | \$ 25,243,760 |
| | | | | | | | | \$ (1) |

Notes:

Col [A]-[D] Note: The above reflected the corrected E-5 submitted by the Company at hearing. As a result, Staff's reclassification entry in no longer necessary.

Col [E] Staff Acc.Depreciation Amounts Per Attachment A

Col [F] Fully Depreciated plant per analysis on Attachment A

Chaparral City Water Company
Docket No. W-02113A-13-0118
Test Year Ended December 31, 2012

Schedule GWB-8
AMENDED SURREBUTTAL

RATE BASE ADJUSTMENT #4 REVERSAL OF AFUDC AND DEFERRED DEPRECIATION DEFERRAL

| LINE NO. | ACCT NO. | Description | [A] COMPANY AS FILED | [B] STAFF ADJUSTMENTS | [C] STAFF AS ADJUSTED |
|-------------|-------------|-----------------|-------------------------------|-----------------------------|--------------------------------|
| 1 | | Deferred Debits | 607,898 | (607,898) | . |

References:

Column [A] : Amount reflected on Co Schedule B-2, as part of Deferred Debits

Column [B] , Col [C] less Col [A]

Column [C] , Per testimony GWB

RATE BASE ADJUSTMENT #5 CASH WORKING CAPITAL

| Line No. | (A) Description | (B) Proforma Test Year Amount | (C) Revenue Lag (Lead) Days | (D) Expense Lag (Lead) Days | (E) Net Lag (Lead) Days Col. C - Col. D | (F) Lead/Lag Factor Col. E/365 | (G) Cash Working Capital Required Col. B * Col. F |
|----------|-------------------------------------|--|--------------------------------------|--------------------------------------|--|---|--|
| 5 | OPERATING EXPENSES | | | | | | |
| 6 | Labor | \$ 1,024,112 | 34.93 | 13.09 | 21.84 | 0.05983271 | \$ 61,275 |
| 7 | Purchased Water | 1,116,879 | 34.93 | 43.67 | (8.74) | -0.0239481 | (26,747) |
| 8 | Fuel & Power | \$ 585,139 | 34.93 | 27.86 | 7.07 | 0.01936695 | 11,332 |
| 9 | Chemicals | \$ 115,182 | 34.93 | (79.22) | 114.15 | 0.31273681 | 36,022 |
| 10 | Waste Disposal | \$ 7,113 | 34.93 | 41.90 | (6.97) | -0.0190988 | (136) |
| 11 | Intercompany Support Services | \$ 94,150 | 34.93 | 29.99 | 4.94 | 0.01353134 | 1,274 |
| 12 | Corporate Allocation | \$ 352,892 | 34.93 | 30.00 | 4.93 | 0.01350394 | 4,765 |
| 13 | Outside Services | \$ 508,106 | 34.93 | 88.00 | (53.07) | -0.1454002 | (73,879) |
| 14 | Group Insurance | \$ 178,067 | 34.93 | 12.00 | 22.93 | 0.06281901 | 11,186 |
| 15 | Pensions | \$ 85,086 | 34.93 | 67.98 | (33.05) | -0.0905509 | (7,705) |
| 16 | Insurance Other Than Group | \$ 73,025 | 34.93 | (26.14) | 61.07 | 0.16731216 | 12,218 |
| 17 | Customer Accounting | \$ 331,010 | 34.93 | 26.53 | 8.40 | 0.02301079 | 7,617 |
| 18 | Rents | \$ 1,504 | 34.93 | | 34.93 | 0.09569572 | 144 |
| 19 | General Office Expense | \$ 164,179 | 34.93 | 39.69 | (4.76) | -0.013044 | (2,142) |
| 20 | Miscellaneous | \$ 158,553 | 34.93 | (3.22) | 38.15 | 0.10451764 | 16,572 |
| 21 | Maintenance Expense | \$ 388,614 | 34.93 | 17.28 | 17.65 | 0.04835325 | 18,791 |
| 22 | Intest Expense ¹ | \$ 562,286 | 34.93 | 91.25 | (56.32) | -0.1543043 | (86,763) |
| 24 | TAXES | | | | | | |
| 25 | General Taxes-Property ¹ | \$ 243,735 | 34.93 | 213.96 | (179.0294) | (0.4905) | \$ (119,550) |
| 26 | General Taxes-Other | \$ 86,320 | 34.93 | 3.03 | 31.8989 | 0.0874 | 7,544 |
| 27 | Income Tax ¹ | \$ 963,598 | 34.93 | 37.00 | (2.0711) | (0.0057) | (5,468) |
| 28 | TOTAL | \$ 7,039,552 | | | CASH WORKING CAPITAL REQUIREMENT | | \$ (133,649) |

¹At proposed rates.

| | Per Co | Per Staff | Adjustment |
|----------------------------------|-------------|--------------|--------------|
| Cash Working Capital Requirement | \$ (19,817) | \$ (133,649) | \$ (113,832) |
| Required Bank Balances | 780,673 | - | (780,673) |
| Prepayments | 248,484 | 248,484 | - |
| Total Working Capital Allowance | 1,009,341 | 114,835 | (894,505) |

OPERATING INCOME STATEMENT - TEST YEAR AND STAFF RECOMMENDED

| LINE NO. | DESCRIPTION | [A] COMPANY TEST YEAR AS FILED | [B] STAFF TEST YEAR ADJUSTMENTS | [C] STAFF TEST YEAR AS ADJUSTED | [D] STAFF RECOMMENDED CHANGES | [E] STAFF RECOMMENDED |
|----------|---------------------------------|---|--|---|--|-----------------------------|
| | Revenues | \$ - | \$ - | \$ - | \$ - | \$ - |
| 1 | Water Revenues | 8,915,656 | - | 8,915,656 | 1,354,154 | 10,269,810 |
| 2 | Other Revenues | 99,329 | - | 99,329 | - | 99,329 |
| 3 | | - | - | - | - | - |
| 4 | Total Operating Revenues | <u>\$ 9,014,985</u> | <u>\$ -</u> | <u>\$ 9,014,985</u> | <u>\$ 1,354,154</u> | <u>\$ 10,369,138</u> |
| | Operating Expenses | | | | | |
| 5 | Labor | \$ 1,024,112 | \$ - | \$ 1,024,112 | \$ - | \$ 1,024,112 |
| 6 | Purchased Water | 1,065,953 | 50,926 | 1,116,879 | - | 1,116,879 |
| 7 | Fuel & Power | 605,885 | (20,746) | 585,139 | - | 585,139 |
| 8 | Chemicals | 119,266 | (4,084) | 115,182 | - | 115,182 |
| 9 | Waste Disposal | 7,113 | - | 7,113 | - | 7,113 |
| 10 | Intercompany Support Services | 94,150 | - | 94,150 | - | 94,150 |
| 11 | Corporate Allocation | 500,330 | (147,438) | 352,892 | - | 352,892 |
| 12 | Outside Services | 508,106 | - | 508,106 | - | 508,106 |
| 13 | Group Insurance | 178,067 | - | 178,067 | - | 178,067 |
| 14 | Pensions | 85,086 | - | 85,086 | - | 85,086 |
| 15 | Regulatory Expense | 91,668 | - | 91,668 | - | 91,668 |
| 16 | Insurance Other Than Group | 73,025 | - | 73,025 | - | 73,025 |
| 17 | Customer Accounting | 318,959 | - | 318,959 | 12,052 | 331,010 |
| 18 | Rents | 1,504 | - | 1,504 | - | 1,504 |
| 19 | General Office Expense | 164,179 | - | 164,179 | - | 164,179 |
| 20 | Miscellaneous | 158,553 | - | 158,553 | - | 158,553 |
| 21 | Maintenance Expense | 388,614 | - | 388,614 | - | 388,614 |
| 22 | Depreciation & Amortization | 2,014,048 | (329,108) | 1,684,940 | - | 1,684,940 |
| 23 | General Taxes-Property | 251,038 | (18,828) | 232,210 | 11,524 | 243,734 |
| 24 | General Taxes-Other | 86,320 | - | 86,320 | - | 86,320 |
| 25 | Income Taxes | 389,412 | 64,707 | 454,120 | 509,478 | 963,598 |
| 26 | Total Operating Expenses | <u>\$ 8,125,389</u> | <u>\$ (404,571)</u> | <u>\$ 7,720,819</u> | <u>\$ 533,054</u> | <u>\$ 8,253,872</u> |
| 27 | Operating Income (Loss) | <u>\$ 889,596</u> | <u>\$ 404,571</u> | <u>\$ 1,294,167</u> | <u>\$ 821,100</u> | <u>\$ 2,115,266</u> |

References:

Column (A): Company Schedule C-1
Column (B): Schedule GWB 11
Column (C): Column (A) + Column (B)
Column (D): Schedules GWB 2, Lines 29, 34 and 37
Column (E): Column (C) + Column (D)

SUMMARY OF OPERATING INCOME ADJUSTMENTS - TEST YEAR

| LINE NO. | DESCRIPTION | [A] COMPANY AS FILED | [B] Excess Water Loss ADJ #1 GWB-12 | [C] Inc. Comp. ADJ #2 GWB-13 | [D] Purchased Water Exp ADJ #3 GWB-14 | [E] Deprec. Exp ADJ #5 GWB-16 | [F] PROPERTY TAXES ADJ #5 GWB-18 | [G] Income Taxes ADJ #6 GWB-17 | [H] STAFF ADJUSTED |
|---------------------------|-------------------------------|----------------------------|---|---------------------------------------|---|--|--|---|--------------------------|
| Revenues | | | | | | | | | |
| 1 | Water Revenues | \$ 8,915,656 | - | - | - | - | - | - | 8,915,656 |
| 2 | Other Revenues | 99,329 | - | - | - | - | - | - | 99,329 |
| 3 | Total Operating Revenues | \$ 9,014,985 | \$ - | \$ - | \$ - | \$ - | - | \$ - | \$ 9,014,985 |
| Operating Expenses | | | | | | | | | |
| 4 | Labor | \$ 1,024,112 | | | | | \$ - | \$ - | \$ 1,024,112 |
| 5 | Purchased Water | 1,065,953 | (39,598) | | 90,524 | | - | - | 1,116,879 |
| 6 | Fuel & Power | 605,885 | (20,746) | | | | - | - | 585,139 |
| 7 | Chemicals | 119,266 | (4,084) | | | | | | 115,182 |
| 8 | Waste Disposal | 7,113 | | | | | | | 7,113 |
| 9 | Intercompany Support Services | 94,150 | | | | | | | 94,150 |
| 10 | Corporate Allocation | 500,330 | | (147,438) | | | | | 352,892 |
| 11 | Outside Services | 508,106 | | | | | | | 508,106 |
| 12 | Group Insurance | 178,067 | | | | | | | 178,067 |
| 13 | Pensions | 85,086 | | | | | | | 85,086 |
| 14 | Regulatory Expense | 91,668 | | | | | | | 91,668 |
| 15 | Insurance Other Than Group | 73,025 | | | | | | | 73,025 |
| 16 | Customer Accounting | 318,959 | | | | | | | 318,959 |
| 17 | Rents | 1,504 | | | | | | | 1,504 |
| 18 | General Office Expense | 164,179 | | | | | | | 164,179 |
| 19 | Miscellaneous | 158,553 | | | | | | | 158,553 |
| 20 | Maintenance Expense | 388,614 | | | | | | | 388,614 |
| 21 | Depreciation & Amortization | 2,014,048 | | | | (329,108) | (18,828) | | 1,684,940 |
| 22 | General Taxes-Property | 251,038 | | | | | | | 232,210 |
| 23 | General Taxes-Other | 86,320 | | | | | | | 86,320 |
| 24 | Income Taxes | 389,412 | | | | | | 64,707 | 454,120 |
| 25 | Total Operating Expenses | \$ 8,125,389 | \$ (64,428) | \$ (147,438) | \$ 90,524 | \$ (329,108) | \$ (18,828) | \$ 64,707 | \$ 7,720,819 |
| 26 | Operating Income | \$ 889,596 | \$ 64,428 | \$ 147,438 | \$ (90,524) | \$ 329,108 | \$ 18,828 | \$ (64,707) | \$ 1,294,167 |

Chaparral City Water Company
Docket No. W-02113A-13-0118
Test Year Ended December 31, 2012

Schedule GWB-12
AMENDED SURREBUTTAL

OPERATING INCOME ADJUSTMENT #1 - EXCESS WATER LOSS

LINE
NO.

| | | |
|----|-------------------------------|--------------|
| 1 | One plus allowable water loss | 110.00% |
| 2 | One plus actual water loss | 113.90% |
| 3 | Allowable portion | 96.58% |
| 4 | Disallowable portion | 3.42% |
| 5 | Power Expense | \$ 605,885 |
| 6 | Disallowance | 20,746 |
| 7 | Chemical Expense | \$ 119,266 |
| 8 | Disallowance | 4,084 |
| 9 | Purchased Water Expense | \$ 1,156,477 |
| 10 | Disallowance | 39,598 |

Line 1: Maximum acceptable level of water losses
Line 2: Actual level of water losses
Line 3: Line 2 / line 3
Line 4: 1 minus line 4
Lines 5, and 7: Per Schedule GWB-11, Col [A]
Line 9 : Per Schedule GWB-11, Col [A] plus Col [D]
Line 6: Line 5 times line 4
Line 8: Line 7 times line 4
Line 10: Line 9 times line 4

OPERATING INCOME ADJUSTMENT #2 - INCENTIVE COMPENSATION & CONTRIBUTIONS, DUES

| LINE NO. | DESCRIPTION | [A] COMPANY PROPOSED | [B] STAFF ADJUSTMENTS | [C] STAFF RECOMMENDED* |
|-------------|------------------------|----------------------------|-----------------------------|------------------------------|
| 1 | Incentive Comp | \$ 89,517 | \$ (89,517) | \$ - |
| 2 | Contributions and Dues | \$ 57,921 | \$ (57,921) | \$ - |
| | Total Adjustment | \$ 147,438 | \$ (147,438) | \$ - |

References:

Column (A), Per Company Response to Staff data request

Column (B): Testimony GWB

Column (C): Column (A) + Column (B)

Chaparral City Water Company
Docket No. W-02113A-13-0118
Test Year Ended December 31, 2012

Schedule GWB-14
AMENDED SURREBUTTAL

OPERATING INCOME ADJUSTMENT #3 - PURCHASED WATER EXPENSE

| LINE NO. | DESCRIPTION | [A] COMPANY PROPOSED | [B] STAFF ADJUSTMENTS | [C] STAFF RECOMMENDED* |
|-------------|-------------|----------------------------|-----------------------------|------------------------------|
| 1 | | \$ 1,065,953 | \$ 90,524 | \$ 1,156,477 |

References:

Column (A), Company Workpapers

Column (B): Testimony GWB

Column (C): Column (A) + Column (B), Per Co Response
to Staff DR 4.4

OPERATING INCOME ADJUSTMENT #4 - DEPRECIATION EXPENSE

| LINE NO. | ACCT. NO. | DESCRIPTION | [A] PLANT BALANCE | [B] FULLY DEPRECIATED | [C] DEPRECIABLE AMOUNT | [D] DEPRECIATION RATE | [E] DEPRECIATION EXPENSE |
|----------|-----------|--|-------------------------|-----------------------------|------------------------------|-----------------------------|--------------------------------|
| 1 | | <u>PLANT IN SERVICE:</u> | | | | | |
| 2 | 303 | Other Intangible Plant | \$ - | | \$ - | 0.00% | - |
| 3 | 303 | Land and Land Rights | 1,554,591 | | 1,554,591 | 0.00% | - |
| 4 | 304 | Structures and Improvements - Pumping | - | | - | 3.33% | - |
| 5 | 304 | Structures and Improvements - Treatment | - | | - | 3.33% | - |
| 6 | 304 | Structures and Improvements - T & D | - | | - | 3.33% | - |
| 7 | 304 | Structures & Improvements - General | 1,963,919 | | 1,963,919 | 3.33% | 65,399 |
| 8 | 305 | Collecting and Impounding Reservoirs | 6,970 | | 6,970 | 2.50% | 174 |
| 9 | 307 | Wells | 159,627 | | 159,627 | 3.33% | 5,316 |
| 10 | 309 | Supply Mains | - | | - | 2.00% | - |
| 11 | 311 | Pumping Equipment & Other Pumping Plant | 4,150,661 | (1,539,667) | 2,610,994 | 12.50% | 326,374 |
| 12 | 320.1 | Water Treatment Equipment | 7,692,704 | | 7,692,704 | 3.33% | 256,167 |
| 13 | 330 | Reservoirs and Tanks | - | | - | 0.00% | - |
| 14 | 330.1 | Storage Tanks | 8,869,561 | | 8,869,561 | 2.22% | 196,904 |
| 15 | 331 | Transmission and Distribution Mains | 25,566,351 | | 25,566,351 | 2.00% | 511,327 |
| 16 | 333 | Services | 11,479,113 | | 11,479,113 | 3.33% | 382,254 |
| 17 | 334 | Meters | 3,038,174 | | 3,038,174 | 8.33% | 253,080 |
| 18 | 335 | Hydrants | 2,095,035 | | 2,095,035 | 2.00% | 41,901 |
| 19 | 339 | Other Transmission & Distribution Plant | 2,119,843 | | 2,119,843 | 6.67% | 141,394 |
| 20 | 339 | Other Transmission & Distribution Plant | - | | - | 6.67% | - |
| 21 | 340 | Office Furniture and Equipment, Computers, Software, Peripherals | 305,068 | | 305,068 | 6.67% | 20,348 |
| 22 | 341 | Transportation Equipment | 426,970 | (400,253) | 26,717 | 20.00% | 5,343 |
| 23 | 343 | Power Operated Equipment & Tool, Shop and Garage Equipment | 411,607 | | 411,607 | 5.00% | 20,580 |
| 24 | 345 | Power Operated Equipment | - | | - | 5.00% | - |
| 25 | 346 | Communication Equipment | 257,095 | | 257,095 | 10.00% | 25,710 |
| 26 | 347 | Other General Plant | - | | - | 10.00% | - |
| 27 | | Misc Adj/ Reconciling Item | - | | - | | - |
| 28 | | Total Utility Plant in Service | \$ 70,097,289 | \$ (1,939,920) | \$ 68,157,369 | | \$ 2,252,271 |
| 29 | | Less: Non Depreciable Plant | | | | | |
| 30 | | Other Intangible Plant | | | 1,554,591 | | |
| 31 | | Net Depreciable Plant and Depreciation Amounts | | | \$ 66,602,778 | | \$ 2,252,271 |
| 32 | | | | | | | |
| 33 | | Amortization of CIAC | | | \$ 14,991,871 | 3.3816% | 506,972 |
| 34 | | Staff Recommended Depreciation Expense | | | | | \$ 1,745,299 |
| 35 | | Deferred CAP Amortization | | | | | 15,641 |
| 36 | | Amortization of Gains on FHSD Settlement | | | | | (76,000) |
| | | | | | | | \$ 1,684,940 |
| 37 | | Company Proposed Depreciation Expense | | | | | 2,014,048 |
| 38 | | Staff Adjustment | | | | | \$ (329,108) |

References:

Col [A] Schedule GWB-4
Col [B] Fully Depreciated Plant, per Testimony
Col [C] Col [A] less Col [B]
Col [D] Proposed Rates per Staff Engineering
Col [E] Col [A] times Col [B]

Chaparral City Water Company
Docket No. W-02113A-13-0118
Test Year Ended December 31, 2012

Schedule GWB-17
AMENDED SURREBUTTAL

OPERATING INCOME ADJUSTMENT #5 - INCOME TAXES

| <u>LINE NO.</u> | <u>DESCRIPTION</u> | <u>[A] COMPANY PROPOSED</u> | <u>[B] STAFF ADJUSTMENTS</u> | <u>[C] STAFF RECOMMENDED</u> |
|---------------------|--------------------|-------------------------------------|--------------------------------------|--------------------------------------|
| 1 | Income Taxes | <u>\$ 389,412</u> | <u>\$ 64,707</u> | <u>\$ 454,120</u> |

References:

Column (A), Company Schedule C-2

Column (B): Testimony GWB

Column (C): Column (A) + Column (B),
see also Sch. GWB-2, line 48

OPERATING INCOME ADJUSTMENT #6 - PROPERTY TAX EXPENSE GRCF COMPONENT

| LINE NO. | DESCRIPTION | [A] | [B] |
|----------|---|--------------------|-------------------|
| | | STAFF AS ADJUSTED | STAFF RECOMMENDED |
| 1 | Staff Adjusted Test Year Revenues - 2011 | \$ 9,014,985 | \$ 9,014,985 |
| 2 | Weight Factor | 2 | 2 |
| 3 | Subtotal (Line 1 * Line 2) | 18,029,971 | 18,029,971 |
| 4 | Staff Adjusted Test Year Revenues - 2011 | 9,014,985 | |
| 5 | Staff Recommended Revenue | | 10,369,139 |
| 6 | Subtotal (Line 4 + Line 5) | 27,044,956 | 28,399,110 |
| 7 | Number of Years | 3 | 3 |
| 8 | Three Year Average (Line 5 / Line 6) | 9,014,985 | 9,466,370 |
| 9 | Department of Revenue Multiplier | 2 | 2 |
| 10 | Revenue Base Value (Line 7 * Line 8) | 18,029,971 | 18,932,740 |
| 11 | Plus: 10% of CWIP | 161,294 | 161,294 |
| 12 | Less: Net Book Value of Licensed Vehicles | - | - |
| 13 | Full Cash Value (Line 10 + Line 11 - Line 12) | 18,191,265 | 19,094,034 |
| 14 | Assessment Ratio | 18.5% | 18.5% |
| 15 | Assessment Value (Line 13 * Line 14) | 3,365,384 | 3,532,396 |
| 16 | Composite Property Tax Rate | 6.9000% | 6.9000% |
| 17 | Staff Test Year Adjusted Property Tax Expense (Line 15 * Line 16) | \$ 232,211 | |
| 18 | Company Proposed Property Tax | 251,038 | |
| 19 | Staff Test Year Adjustment (Line 17 - Line 18) | <u>\$ (18,828)</u> | |
| 20 | Property Tax on Staff Recommended Revenue (Line 15 * Line 16) | | \$ 243,735 |
| 21 | Staff Test Year Adjusted Property Tax Expense (Line 17) | | 232,211 |
| 22 | Increase in Property Tax Due to Increase in Revenue Requirement | | <u>\$ 11,524</u> |
| 23 | Increase in Property Tax Due to Increase in Revenue Requirement (Line 22) | | \$ 11,524 |
| 24 | Increase in Revenue Requirement | | \$ 1,354,154 |
| 25 | Increase in Property Tax Per Dollar Increase in Revenue (Line 23 / Line 24) | | 0.85100% |

REFERENCES:

Line 15: Composite Tax Rate, per Company
Line 18: Company Schedule C-1, Line 36

ATTACHMENT A

PLANT IN SERVICE

[illegible]

| 2 | Dep Rates | | Decision | No. 71308 | Dec. No. 71308 | Dec. No. 71308 | Accum Dep | Adjusted 1/1/2007 | Plant Beginning Balance | Accum Deprec Beginning Balance | 2007 Additions | 2007 Retirements | 2007 Adjustments | 2007 Dep | 2007 Cost of Removal |
|-----|-------------|--|----------|-----------|----------------|----------------|-----------|----------------------|-------------------------------|--------------------------------------|-------------------|---------------------|---------------------|-------------|----------------------------|
| | ACCT # | ACCT # | | | | | | | | | | | | | |
| 3 | EPCOR NARUC | | | | | | | | | | | | | | |
| 5 | ACCT # | ACCT # | Depr. | 2012 | 8.33% | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | |
| 90 | 334 | Meters & Meter Installation | | | | 2,736,866 | 990,763 | 2,736,866 | 990,763 | | | | | 227,981 | |
| 91 | 335 | Hydrants | | | | 1,224,985 | 235,514 | 1,224,985 | 235,514 | | | | | 24,500 | |
| 92 | | | 2.00% | | | | | | | | | | | 2,982 | |
| 93 | | | 2.00% | | | | | | | | | | | | |
| 94 | | | 2.00% | | | | | | | | | | | | |
| 95 | | | 2.00% | | | | | | | | | | | | |
| 96 | | | 2.00% | | | | | | | | | | | | |
| 97 | | | 2.00% | | | | | | | | | | | | |
| 98 | 335 | Subtotal Hydrants | | | | 1,224,985 | 235,514 | 1,224,985 | 235,514 | | 298,184 | | | | |
| 99 | 336 | Backflow Prevention Devices | 0.00% | | | | | | | | | | | 27,482 | |
| 100 | 339 | Other Plant & Misc. Equipment | 6.67% | | | 1,543,655 | 135,962 | 1,543,655 | 135,962 | | | | | 102,962 | |
| 101 | | | 6.67% | | | | | | | | 155,131 | | | 5,174 | |
| 102 | | | 6.67% | | | | | | | | | | | | |
| 103 | | | 6.67% | | | | | | | | | | | | |
| 104 | | | 6.67% | | | | | | | | | | | | |
| 105 | | | 6.67% | | | | | | | | | | | | |
| 106 | | | 6.67% | | | | | | | | | | | | |
| 107 | 339 | Subtotal Other Plant & Misc. Equipment | 6.67% | | | 1,543,655 | 135,962 | 1,543,655 | 135,962 | | 155,131 | | | 108,135 | |
| 108 | 339 | Other Plant & Misc. Equipment | 6.67% | | | 25,811 | | 25,811 | | | 67,712 | | | 3,980 | |
| 109 | | | 6.67% | | | | | | | | | | | | |
| 110 | | | 6.67% | | | | | | | | | | | | |
| 111 | | | 6.67% | | | | | | | | | | | | |
| 112 | | | 6.67% | | | | | | | | | | | | |
| 113 | | | 6.67% | | | | | | | | | | | | |
| 114 | | | 6.67% | | | | | | | | | | | | |
| 115 | 339 | Subtotal Other Plant & Misc. Equipment | 6.67% | | | 25,811 | | 25,811 | | | 67,712 | | | 3,980 | |
| 116 | 339 | Other Plant & Misc. Equipment | 6.67% | | | 41,221 | | 41,221 | | | | | | 2,749 | |
| 117 | | | 6.67% | | | | | | | | | | | | |
| 118 | | | 6.67% | | | | | | | | | | | | |
| 119 | | | 6.67% | | | | | | | | | | | | |
| 120 | | | 6.67% | | | | | | | | | | | | |
| 121 | | | 6.67% | | | | | | | | | | | | |
| 122 | | | 6.67% | | | | | | | | | | | | |
| 123 | 339 | Subtotal Other Plant & Misc. Equipment | 6.67% | | | 41,221 | | 41,221 | | | | | | | |
| 100 | 340 | Office Furniture & Equipment | 6.67% | | | 177,188 | 45,958 | 177,188 | 45,958 | | 12,058 | 5,200 | | 11,845 | |
| 101 | | | 6.67% | | | | | | | | | | | 402 | |
| 102 | | | 6.67% | | | | | | | | | | | | |
| 103 | | | 6.67% | | | | | | | | | | | | |
| 104 | | | 6.67% | | | | | | | | | | | | |
| 105 | | | 6.67% | | | | | | | | | | | | |
| 106 | | | 6.67% | | | | | | | | | | | | |
| 107 | 340 | Subtotal Office Furniture & Equipment | 6.67% | | | 177,188 | 45,958 | 177,188 | 45,958 | | 12,058 | 5,200 | | 12,047 | |
| 108 | 340 | Office Furniture & Equipment | 6.67% | | | 94,985 | | 94,985 | | | | | | 6,335 | |
| 109 | | | 6.67% | | | | | | | | | | | | |
| 110 | | | 6.67% | | | | | | | | | | | | |
| 111 | | | 6.67% | | | | | | | | | | | | |
| 112 | | | 6.67% | | | | | | | | | | | | |
| 113 | | | 6.67% | | | | | | | | | | | | |
| 114 | | | 6.67% | | | | | | | | | | | | |
| 115 | 340 | Subtotal Office Furniture & Equipment | 6.67% | | | 94,985 | | 94,985 | | | | | | 6,335 | |
| 116 | 341 | Transportation Equipment | 20.00% | | | 535,315 | 60,636 | 535,315 | 60,636 | | | 55,375 | | 101,526 | |
| 117 | | | 20.00% | | | | | | | | 65,258 | | | 6,526 | |
| 118 | | | 20.00% | | | | | | | | | | | | |

PLANT IN SERVICE

| Line No. | EPCOR NARUC | ACCT # | ACCT # | Dep Rates | | Plant Balance | Accum Dep | 2008 | Retirements | Adjustments | 2008 | Dep Exp | 2008 | Cost of Removal | Plant Balance | Accum Dep | 2008 | Additions | 2009 | Retirements |
|----------|-------------|--------|--------|-----------|-------|---------------|-----------|------|-------------|-------------|------|---------|------|-----------------|---------------|-----------|------|-----------|------|-------------|
| | | | | No. 71308 | Depr. | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | |
| 7 | 303600 | | | | | | | | | | | | | | | | | | | |
| 8 | 304200 | | | | | | | | | | | | | | | | | | | |
| 9 | thru | | | | | | | | | | | | | | | | | | | |
| 10 | 304500 | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | |
| 16 | 305000 | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | |
| 25 | 307000 | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | |
| 34 | 309000 | | | | | | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | | | | | |
| 43 | 311000 | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | |

| Dep Rates | | Decision | | | | | | | | | | | | | | | |
|---------------|--|-----------|--|-----------|--|-----------|--|-----------|--|-------------|--|-------------|--|---------|--|-----------------|--|
| | | No. 71308 | | Plant | | Accum | | 2008 | | 2008 | | 2008 | | 2009 | | 2009 | |
| | | Depr. | | Balance | | Dep | | Additions | | Retirements | | Adjustments | | Dep Exp | | Cost of Removal | |
| ACCT # ACCT # | | Depr. | | 2007 | | 2007 | | 2007 | | 2007 | | 2007 | | 2007 | | 2007 | |
| 334 | | 8.33% | | 2,736,866 | | 1,218,744 | | 118,996 | | - | | - | | 232,937 | | 1,451,681 | |
| 335 | | 2.00% | | 1,224,985 | | 260,014 | | - | | - | | - | | 24,500 | | 284,513 | |
| 336 | | 2.00% | | 298,184 | | 2,982 | | - | | - | | - | | 5,964 | | 8,946 | |
| 337 | | 2.00% | | - | | - | | 240,440 | | 2,413 | | - | | 2,404 | | 2,404 | |
| 338 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 339 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 340 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 341 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 342 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 343 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 344 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 345 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 346 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 347 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 348 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 349 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 350 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 351 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 352 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 353 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 354 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 355 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 356 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 357 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 358 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 359 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 360 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 361 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 362 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 363 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 364 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 365 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 366 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 367 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 368 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 369 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 370 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 371 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 372 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 373 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 374 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 375 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 376 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 377 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 378 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 379 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 380 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 381 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 382 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 383 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 384 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 385 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 386 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 387 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 388 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 389 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 390 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 391 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 392 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 393 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 394 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 395 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 396 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 397 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 398 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 399 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 400 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 401 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 402 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 403 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 404 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 405 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 406 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 407 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 408 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 409 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 410 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 411 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 412 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 413 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 414 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 415 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 416 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 417 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 418 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 419 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 420 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 421 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 422 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 423 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 424 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 425 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 426 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 427 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 428 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 429 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 430 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 431 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 432 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 433 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 434 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 435 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 436 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 437 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 438 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 439 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 440 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 441 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 442 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 443 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 444 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 445 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 446 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 447 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 448 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 449 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 450 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 451 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 452 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 453 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 454 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 455 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 456 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 457 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 458 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 459 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 460 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 461 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 462 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 463 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 464 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 465 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 466 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 467 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 468 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 469 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 470 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 471 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 472 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 473 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 474 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 475 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 476 | | 2.00% | | - | | - | | - | | - | | - | | - | | - | |
| 477 | | 2.00% | | - | | - | | - | | - | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|--|--|------|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 119 | | | 2009 | 20.00% | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
|-----|--|--|------|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

H:\Chapparral City Water 13-0118\UPIS & Acc Dep Roll forward from Company Feb 17, 2014 [Co Version Staff Adjusted]

PLANT IN SERVICE

[illegible]

| | | Dep Rates | | | | | | | | | | | |
|--|--|-----------|--|--|--|--|--|--|--|--|--|--|--|
| | | Decision | | | | | | | | | | | |
| | | No. 71308 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 2011 | | | | | | | | | | | |
| | | 20 | | | | | | | | | | | |

| | | Dep Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|-----------|-------|-----------|-------------|-------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | | Decision | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | No. 71308 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | ACCT # | ACCT # | Depr. | Additions | Retirements | Adjustments | Dep Exp | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | 2011 | |

PLANT IN SERVICE

| Line No. | ACCT # | ACCT # | EPCOR NARUC No. 71308 | Dep Rates | | Accum Dep | PLANT | | |
|----------|--------|--------|-----------------------|-----------|------|-----------|-------|----------------|----------|
| | | | | Decision | Dep. | | E-5 | Staff MJR WKPS | VARIANCE |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | 303600 | | | | | | | | |
| 8 | 304200 | | | | | | | | |
| 9 | thru | | | | | | | | |
| 10 | 304500 | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | 305000 | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| 21 | | | | | | | | | |
| 22 | | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 | 307000 | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| 32 | | | | | | | | | |
| 33 | | | | | | | | | |
| 34 | 309000 | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | | | | | | | | | |
| 37 | | | | | | | | | |
| 38 | | | | | | | | | |
| 39 | | | | | | | | | |
| 40 | | | | | | | | | |
| 41 | | | | | | | | | |
| 42 | | | | | | | | | |
| 43 | 311000 | | | | | | | | |
| 44 | | | | | | | | | |
| 45 | | | | | | | | | |
| 46 | | | | | | | | | |
| 47 | | | | | | | | | |
| 48 | | | | | | | | | |
| 49 | | | | | | | | | |
| 50 | | | | | | | | | |

| | | Dep Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|--|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| 2 | Dep Rates | | Decision | | Accum | | Plant | |
|-----|-------------|--------|---|--------|------------|------------|------------|-----------|
| | Decision | | No. 71308 | | Dep | | Variance | |
| | ACCT # | ACCT # | Depr. | 2012 | E-5 | Staff | MJR WKPS | PLANT |
| 3 | EPCOR NARUC | | | | | | | |
| 5 | ACCT # | ACCT # | 2009 | 2010 | 2011 | 2012 | 2012 | 2012 |
| 119 | | | 2009 | 20.00% | - | - | - | - |
| 120 | | | 2010 | 20.00% | - | - | - | - |
| 121 | | | 2011 | 20.00% | - | - | - | - |
| 122 | | | 2012 | 20.00% | - | - | - | - |
| 123 | | | Subtotal Transportation Equipment | 4.00% | 487,368 | 417,333 | 417,313 | (20) |
| 124 | | | 341 Stores Equipment | 5.00% | 68,989 | - | - | - |
| 125 | | | 342 Tools, Ship & Garage Equipment | 5.00% | 2,128 | - | - | - |
| 126 | | | 343 | 5.00% | 4,388 | - | - | - |
| 127 | | | 2007 | 5.00% | - | - | - | - |
| 128 | | | 2008 | 5.00% | - | - | - | - |
| 129 | | | 2009 | 5.00% | - | - | - | - |
| 130 | | | 2010 | 5.00% | - | - | - | - |
| 131 | | | 2011 | 5.00% | - | - | - | - |
| 132 | | | 2012 | 5.00% | 571 | - | - | - |
| 133 | | | Subtotal Tools, Ship & Garage Equipment | 10.00% | 76,075 | 190,862 | 190,861 | (1) |
| 134 | | | 344 Laboratory Equipment | 5.00% | 25 | - | - | - |
| 135 | | | 345 Power Operated Equipment | 5.00% | - | - | - | - |
| 136 | | | 2007 | 5.00% | - | - | - | - |
| 137 | | | 2008 | 5.00% | - | - | - | - |
| 138 | | | 2009 | 5.00% | - | - | - | - |
| 139 | | | 2010 | 5.00% | - | - | - | - |
| 140 | | | 2011 | 5.00% | - | - | - | - |
| 141 | | | 2012 | 5.00% | - | - | - | - |
| 142 | | | Subtotal Power Operated Equipment | 10.00% | 24,346 | - | - | - |
| 143 | | | 346 Communication Equipment | 10.00% | 2,322 | - | - | - |
| 144 | | | 2007 | 10.00% | - | - | - | - |
| 145 | | | 2008 | 10.00% | - | - | - | - |
| 146 | | | 2009 | 10.00% | - | - | - | - |
| 147 | | | 2010 | 10.00% | - | - | - | - |
| 148 | | | 2011 | 10.00% | - | - | - | - |
| 149 | | | 2012 | 10.00% | - | - | - | - |
| 150 | | | Subtotal Communication Equipment | 6.67% | 26,668 | 43,327 | 43,327 | - |
| 151 | | | 339 Miscellaneous Equipment | 6.67% | 74,537 | - | - | - |
| 152 | | | 2007 | 6.67% | - | - | - | - |
| 153 | | | 2008 | 6.67% | - | - | - | - |
| 154 | | | 2009 | 6.67% | - | - | - | - |
| 155 | | | 2010 | 6.67% | - | - | - | - |
| 156 | | | 2011 | 6.67% | - | - | - | - |
| 157 | | | 2012 | 6.67% | - | - | - | - |
| 158 | | | Subtotal Miscellaneous Equipment | 10.00% | 74,537 | 106,542 | - | (106,542) |
| 159 | | | 348 Other Tangible Plant | 10.00% | - | - | - | - |
| 160 | | | SUBTOTAL PLANT IN SERVICE | 10.00% | 25,243,760 | 65,627,053 | 65,627,032 | (22) |

| | | | | | |
|---|-----------------------------------|------------|------------|------------|------|
| 2 | Total Authorized Plant in Service | 25,243,760 | 65,627,053 | 65,627,032 | (22) |
| 3 | Company | 25,734,123 | 65,617,302 | 65,617,302 | |
| 4 | Staff More/(Less) | (490,363) | 9,751 | 9,730 | |

ATTACHMENT B

UNIFORM SYSTEM OF ACCOUNTS FOR CLASS A WATER UTILITIES

1996



**NATIONAL ASSOCIATION OF
REGULATORY UTILITY COMMISSIONERS**

1201 Constitution Avenue, N.W., Suite 1102

Post Office Box 684

Washington, DC 20044-0684

Telephone No. (202) 898-2200

Facsimile No. (202) 898-2213

Price: \$25.00

INCOME ACCOUNTS

Operating Income

400. Operating Revenues

This is the revenue control account which totals the accounts recorded in water revenue accounts 460 through 474.

401. Operating Expenses

This is the operating expense control account which totals the amounts recorded in operating expense accounts 601 through 675 for water systems.

403. Depreciation Expenses

A. This account shall be charged with depreciation credited to account 108 - Accumulated Depreciation of Water Plant and credited with amortization debited to account 272 - Accumulated Amortization of Contributions in Aid of Construction. Depreciation shall be accrued on a straight-line remaining life basis or straight-line basis, as required by the Commission. A single composite depreciation rate may be used if approval from the Commission is obtained.

Note A:--See Accounting Instruction 33, for more detailed instructions on depreciation accounting.

B. Depreciation for property not used in water operations is charged to account 426 - Miscellaneous Nonutility Expenses, and is credited to account 122 - Accumulated Depreciation and Amortization of Nonutility Property.

406. Amortization of Utility Plant Acquisition Adjustments

This account shall be debited or credited, as the case may be, only upon the approval of the Commission, for the purpose of providing for the extinguishment of the amount in account 114 - Utility Plant Acquisition Adjustments.

407. Amortization Expense

This account shall be the control account for amortization accounts totaling the amounts in accounts 407.1 to 407.3.

407.1 Amortization of Limited Term Plant

This account shall include amortization charges applicable to amounts included in the utility plant accounts for limited